

WHAT IS CLAIMED IS:

1. An adjusting mechanism for installation of a plate-like member comprising:
a cover;
a retainer rotatably supported by said cover around an axis orthogonal to a plane of said retainer;

5 a plate-like member opposed to said retainer and supported by three spaced-apart projections on said retainer at three spaced-apart points; and

a biasing member adapted to bias said plate-like member toward said retainer, wherein at least one of said three supporting projections is an adjusting member which is adjustable in the direction of said axis.

2. An adjusting mechanism for installation of plate-like member comprising:
a retaining disc for rotation around an axis orthogonal to a plane defining said retaining disc;

5 by three supporting points;
a plate-like member opposed to said retaining disc and supported on said retaining disc

a biasing member for biasing said plate-like member toward said retaining disc; and
an adjusting member provided adjacent one of said three supporting points and having a height adapted to be adjustable in the direction of said axis.

3. The adjusting mechanism for installation of a plate-like member according to claim 2, wherein said three supporting points have a substantially uniform height.

4. The adjusting mechanism for installation of a plate-like member according to claim 2, wherein one of said three supporting points has a height different from those of the remaining two supporting points.

5. An adjusting mechanism for installation of a plate-like member comprising:
a plate-like member;
a holder adapted to house said plate-like member;

a biasing member disposed between said plate-like member and said holder for biasing
5 said plate-like member in spaced relationship to holder;

a plate-like member retainer;

a rear cover cooperating with said holder to hold said plate-like member, biasing
member and plate-like member retainer and rotatably supporting said plate-like member
retainer for rotation around an axis orthogonal to the plane of said plate-like member;

10 wherein said plate-like member retainer is formed with a retaining disc on which three
supporting points or projections are provided; and

wherein at least one of said three supporting points is movable in the direction of said
axis so that its projection height can be adjusted and wherein respective distal ends of said
supporting points or projections are in contact with said plate-like member.

6. An adjusting mechanism for installation of a plate-like member comprising:

a holder adapted to house a plate-like member;

a biasing member disposed between said plate-like member and said holder for biasing
said plate-like member in spaced relationship to said holder;

5 a plate-like member retainer;

a rear cover cooperating with said holder to hold said plate-like member, biasing
member and plate-like member retainer and rotatably supporting said plate-like member
retainer for rotation around an axis orthogonal to the plane of said plate-like member, wherein
said plate-like member retainer is formed with a retaining disc on which three supporting

10 projections are provided; and

wherein there is provided adjacent one of said three supporting projections an adjusting
member adapted to be movable in the direction of said axis so that its projection height can be
adjusted.

7. The adjusting mechanism for installation of a plate-like member according to claim 6,
wherein said three supporting points have a substantially uniform height.

8. The adjusting mechanism for installation of a plate-like member according to claim 6, wherein one of said three supporting points has a height different from that of the remaining two supporting points.

9. The adjusting mechanism for installation of a plate-like member according to claim 1, wherein said retaining disc is movably supported for movement in opposite directions along an axis orthogonal to the plane defining said retaining disc.

10. The adjusting mechanism for installation of a plate-like member according to claim 2, wherein said retaining disc is movably supported for movement in opposite directions along an axis orthogonal to the plane defining said retaining disc.

11. The adjusting mechanism for installation of a plate-like member according to claim 3, wherein said retaining disc is movably supported for movement in opposite directions along an axis orthogonal to the plane defining said retaining disc.

12. The adjusting mechanism for installation of a plate-like member according to claim 3, wherein said retaining disc is movably supported for movement in opposite directions along an axis orthogonal to the plane defining said retaining disc.

13. The adjusting mechanism for installation of a plate-like member according to claim 4, wherein said retaining disc is movably supported for movement in opposite directions along an axis orthogonal to the plane defining said retaining disc.

14. The adjusting mechanism for installation of a plate-like member according to claim 5, wherein said retaining disc is movably supported for movement in opposite directions along an axis orthogonal to the plane defining said retaining disc.

15. The adjusting mechanism for installation of a plate-like member according to claim 6, wherein said retaining disc is movably supported for movement in opposite directions along an axis orthogonal to the plane defining said retaining disc.

16. The adjusting mechanism for installation of a plate-like member according to claim 7, wherein said retaining disc is movably supported for movement in opposite directions along an axis orthogonal to the plane defining said retaining disc.

17. The adjusting mechanism for installation of a plate-like member according to claim 8, wherein said retaining disc is movably supported for movement in opposite directions along an axis orthogonal to the plane defining said retaining disc.

18. The adjusting mechanism for installation of a plate-like member according to claim 1, wherein said plate-like member is a reflector for incorporating into an optical scanner.

19. The adjusting mechanism for installation of a plate-like member according to claim 2, wherein said plate-like member is a reflector for incorporating into an optical scanner.

20. The adjusting mechanism for installation of a plate-like member according to claim 3, wherein said plate-like member is a reflector for incorporating into an optical scanner.

21. The adjusting mechanism for installation of a plate-like member according to claim 4, wherein said plate-like member is a reflector for incorporating into an optical scanner.

22. The adjusting mechanism for installation of a plate-like member according to claim 5, wherein said plate-like member is a reflector for incorporating into an optical scanner.

23. The adjusting mechanism for installation of a plate-like member according to claim 6, wherein said plate-like member is a reflector for incorporating into an optical scanner.

24. The adjusting mechanism for installation of a plate-like member according to claim 7, wherein said plate-like member is a reflector for incorporating into an optical scanner.

25. The adjusting mechanism for installation of a plate-like member according to claim 8, wherein said plate-like member is a reflector for incorporating into an optical scanner.

26. The adjusting mechanism for installation of a plate-like member according to claim 9, wherein said plate-like member is a reflector for incorporating into an optical scanner.